

RE-RUN



1600

## RAW SEQUENCE LISTING

DATE: 06/12/2003

PATENT APPLICATION: US/09/765,061D

TIME: 09:02:28

Input Set : A:\UTHou-16UTL 79-88.ST25.txt

Output Set: N:\CRF4\06122003\I765061D.raw

3 <110> APPLICANT: The Board of Regents of the University of Texas System  
 5 <120> TITLE OF INVENTION: MUTATIONS IN A NOVEL PHOTORECEPTOR-PINEAL GENE ON 17P CAUSE

LEBER

6 CONGENITAL AMAUROSIS (LCA4)

8 &lt;130&gt; FILE REFERENCE: 96606/16UTL

10 &lt;140&gt; CURRENT APPLICATION NUMBER: 09/765,061D

11 &lt;141&gt; CURRENT FILING DATE: 2001-01-17

13 &lt;150&gt; PRIOR APPLICATION NUMBER: 60/331362

14 &lt;151&gt; PRIOR FILING DATE: 2001-01-04

16 &lt;160&gt; NUMBER OF SEQ ID NOS: 10 additional sequences, Seq. Nos. 79-88

18 &lt;170&gt; SOFTWARE: PatentIn version 3.2

20 &lt;210&gt; SEQ ID NO: 79

21 &lt;211&gt; LENGTH: 34

22 &lt;212&gt; TYPE: DNA

23 &lt;213&gt; ORGANISM: Homo sapiens

26 &lt;220&gt; FEATURE:

27 &lt;221&gt; NAME/KEY: misc\_feature

28 &lt;222&gt; LOCATION: (1)..(34)

29 <223> OTHER INFORMATION: Donor Splice Site: Residue 1-10 are the exonic sequence and  
 30 Residues 11-34 are the intronic sequence

32 &lt;400&gt; SEQUENCE: 79

33 cggatccgga gtgagtgggg ccctccggag caga

36 &lt;210&gt; SEQ ID NO: 80

37 &lt;211&gt; LENGTH: 35

38 &lt;212&gt; TYPE: DNA

39 &lt;213&gt; ORGANISM: Homo sapiens

42 &lt;220&gt; FEATURE:

43 &lt;221&gt; NAME/KEY: misc\_feature

44 &lt;222&gt; LOCATION: (1)..(35)

45 <223> OTHER INFORMATION: Acceptor Splice Site: Residues 1-25 are the intronic sequence  
 46 and Residues 26-35 are the exonic sequence.

48 &lt;400&gt; SEQUENCE: 80

49 cagagtgcac cgtctcgggtg actaggtgat ctttc

52 &lt;210&gt; SEQ ID NO: 81

53 &lt;211&gt; LENGTH: 35

54 &lt;212&gt; TYPE: DNA

55 &lt;213&gt; ORGANISM: Homo sapiens

58 &lt;220&gt; FEATURE:

59 &lt;221&gt; NAME/KEY: misc\_feature

60 &lt;222&gt; LOCATION: (1)..(35)

61 <223> OTHER INFORMATION: Donor Splice Site: Residue 1-10 are the exonic sequence and  
 62 Residues 11-35 are the intronic sequence

64 &lt;400&gt; SEQUENCE: 81

65 csacaccatc gtaagtaggc cctgcgcgcc tgtct

Does Not Comply  
 Corrected Diskette Needed

invalid,  
 per 1.825 of  
 Sequence Rules.

"Any amendment to the  
 paper copy of the Sequence Listing  
 must be accompanied by a

34 substitute  
 copy of the  
 computer readable  
 form... includes  
 all previously  
 submitted data...

35

35

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Input Set : A:\UTHou-16UTL 79-88.ST25.txt

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68 <210> SEQ ID NO: 82
69 <211> LENGTH: 35
70 <212> TYPE: DNA
71 <213> ORGANISM: Homo sapiens
74 <220> FEATURE:
75 <221> NAME/KEY: misc_feature
76 <222> LOCATION: (1)..(35)
77 <223> OTHER INFORMATION: Acceptor Splice Site: Residues 1-25 are the intronic sequence
78     and Residues 26-35 are the exonic sequence.
80 <400> SEQUENCE: 82
81 gccatcgcac cggttatccc cacagcacac ggggg                                     35
84 <210> SEQ ID NO: 83
85 <211> LENGTH: 35
86 <212> TYPE: DNA
87 <213> ORGANISM: Homo sapiens
90 <220> FEATURE:
91 <221> NAME/KEY: misc_feature
92 <222> LOCATION: (1)..(35)
93 <223> OTHER INFORMATION: Donor Splice Site: Residue 1-10 are the exonic sequence and
94     Residues 11-35 are the intronic sequence
96 <400> SEQUENCE: 83
97 gctgctgcag gtggggctgg gggtggcagg gctgg                                     35
100 <210> SEQ ID NO: 84
101 <211> LENGTH: 35
102 <212> TYPE: DNA
103 <213> ORGANISM: Homo sapiens
106 <220> FEATURE:
107 <221> NAME/KEY: misc_feature
108 <222> LOCATION: (1)..(35)
109 <223> OTHER INFORMATION: Acceptor Splice Site: Residues 1-25 are the intronic
sequence
110     and Residues 26-35 are the exonic sequence.
112 <400> SEQUENCE: 84
113 cactgacctg cagctctggg gccaggtga tgccc                                     35
116 <210> SEQ ID NO: 85
117 <211> LENGTH: 35
118 <212> TYPE: DNA
119 <213> ORGANISM: Homo sapiens
122 <220> FEATURE:
123 <221> NAME/KEY: misc_feature
124 <222> LOCATION: (1)..(35)
125 <223> OTHER INFORMATION: Donor Splice Site: Residue 1-10 are the exonic sequence and
126     Residues 11-35 are the intronic sequence
128 <400> SEQUENCE: 85
129 gcagaccaag gtcagaggcc gctggccacg ggggtg                                     35
132 <210> SEQ ID NO: 86
133 <211> LENGTH: 35
134 <212> TYPE: DNA
135 <213> ORGANISM: Homo sapiens
138 <220> FEATURE:

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139 <221> NAME/KEY: misc_feature
140 <222> LOCATION: (1)..(35)
141 <223> OTHER INFORMATION: Acceptor Splice Site: Residues 1-25 are the intronic
sequence
142      and Residues 26-35 are the exonic sequence.
144 <400> SEQUENCE: 86
145 catggctgac cttctccctg ggcaggagaa gccrt 35
148 <210> SEQ ID NO: 87
149 <211> LENGTH: 35
150 <212> TYPE: DNA
151 <213> ORGANISM: Homo sapiens
154 <220> FEATURE:
155 <221> NAME/KEY: misc_feature
156 <222> LOCATION: (1)..(35)
157 <223> OTHER INFORMATION: Donor Splice Site: Residue 1-10 are the exonic sequence and
158      Residues 11-35 are the intronic sequence
160 <400> SEQUENCE: 87
161 caccacccag gtgcgcgggg ctgcaggggc ggaca 35
164 <210> SEQ ID NO: 88
165 <211> LENGTH: 35
166 <212> TYPE: DNA
167 <213> ORGANISM: Homo sapiens
170 <220> FEATURE:
171 <221> NAME/KEY: misc_feature
172 <222> LOCATION: (1)..(35)
173 <223> OTHER INFORMATION: Acceptor Splice Site: Residues 1-25 are the intronic
sequence
174      and Residues 26-35 are the exonic sequence.
176 <400> SEQUENCE: 88
177 gctggatgct cctgctccc cacaggcatc gtgaa 35

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/765,061D

DATE: 06/12/2003

TIME: 09:02:29 - -

Input Set : A:\UTHou-16UTL 79-88.ST25.txt

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